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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/086,737	03/04/2002	Jukka Kela	1030.41370X00	2202

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EXAMINER

DUONG, THOI V

ART UNIT PAPER NUMBER

2871

DATE MAILED: 11/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/086,737

Applicant(s)

KELA ET AL.

Examiner

Thoi V Duong

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 August 2004.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 19-33 ~~is/are~~ pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 19-33 ~~is/are~~ rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 22 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on August 30, 2004 has been entered.

Accordingly, claims 19, 21-24, 31 and 32 were amended, and claims 1-18 were cancelled. Currently, claims 19-33 are pending in this application.

Response to Arguments

2. Applicant's arguments with respect to claims 19-33 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claim 19 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The specification does not disclose "a window ... for holding the liquid crystal display in a position relative to a housing" as recited in the claim. Claims 20-30 are also rejected since they are dependent on the indefinite claim.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 19-33 are rejected under 35 U.S.C. 102(b) as being anticipated by Niibori et al. (USPN 5,808,707).

Re claims 19 and 32, as shown in Fig. 7, Niibori et al. discloses a display arrangement including a liquid crystal display 1 (as well as a method for arranging a liquid crystal display) in relation to a housing including first housing part 7 and second housing part 10, comprising:

a window 9 which covers the liquid crystal display to provide protection thereof (col. 12, lines 15-22);

an elastic part or member 11 located between the liquid crystal display 1 and the second housing part 7 and including an upper portion which contacts an under surface of the window 9 to seal a space between a top of the liquid crystal display 1 and the under surface (col. 10, lines 1-8);

a cavity located between a periphery of the liquid crystal display and the first housing part 7 (Fig. 7); and

an adhesive member 8 applied along a periphery of a bottom surface of the liquid crystal display which attaches the liquid crystal display 1 to the housing (col. 9, lines 56-64),

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wherein the first housing part 7 covers the periphery and the bottom surface of the liquid crystal display 1 and the second housing part 10 covers a periphery of a top surface of the liquid crystal display 1;

wherein, re claim 31, the elastic member 11 establishes a pressure on the top surface of the liquid crystal display 70 which retains the relative position between the liquid crystal display and the housing parts (col. 9, lines 7-11 and col. 10, lines 21-33);

wherein, re claim 33, the liquid crystal display is attached to the first housing part 7 with the adhesive member 8, and the second housing part 10 and the elastic member 11 surrounds an inner periphery of the second housing part 10 with the elastic member 11 applying a retaining force on a top surface of the liquid crystal display (col. 10, lines 1-8 and 21-33);

wherein, re claim 20, the elastic part 11 surrounds an inner periphery of the second housing part 10;

wherein, re claim 21, the elastic part 11 is flexible (col. 9, lines 12-15) and is located on the second housing part 10 to provide pressure on the liquid crystal display 1 and provide an air-tightness for improving air damper effect between the window 5 of liquid crystal display and the housing 1 (space 13) (col. 10, lines 21-33); accordingly, it is inherent that the elastic part 11 also provides a dust-proof seal between the window 5 of liquid crystal display and the housing 1.

Re claims 22-24, as shown in Fig. 7, Niibori et al. discloses a side connector at a drive IC and a rigid circuit plate 5 to a flexible printed circuit board 4 located on a side of the liquid crystal display 1 (col. 9, lines 52-55),

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Finally, re claims 25-30, Niibori et al. discloses a communication terminal comprising the display arrangement shown above (col. 1, lines 5-10).

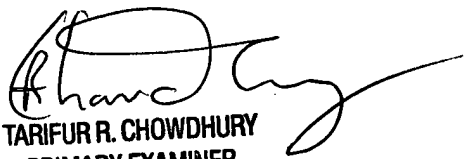
Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thoi V. Duong whose telephone number is (571) 272-2292. The examiner can normally be reached on Monday-Friday from 8:30 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim, can be reached at (571) 272-2293.

Thoi Duong

11/05/2004


TARIFUR R. CHOWDHURY
PRIMARY EXAMINER